

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/FI 2004/000611

## A. CLASSIFICATION OF SUBJECT MATTER

**IPC7: H04L 12/56, G06F 5/06**

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

**IPC7: H04L, G06F**

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

**SE,DK,FI,NO classes as above**

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

**EPO-INTERNAL, WPI DATA, PAJ**

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 02063837 A1 (TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)), 15 August 2002 (15.08.2002), page 22, line 5 - page 23, line 26, figures 3,5A, abstract --	1-4
A	US 20030165116 A1 (FALLON, M F ET AL), 4 Sept 2003 (04.09.2003), paragraphs [0007]-[0012], abstract --	1-4
A	US 6532213 B1 (CHIUSSI, F M ET AL), 11 March 2003 (11.03.2003), abstract --	1-4

☒ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

\* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

**27 January 2005**

Date of mailing of the international search report

**28-01-2005**

Name and mailing address of the ISA/  
Swedish Patent Office  
Box 5055, S-102 42 STOCKHOLM  
Facsimile No. +46 8 666 02 86

Authorized officer

**NABIL SEBAA /LR**  
Telephone No. +46 8 782 25 00

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## C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	CA 2366781 A1 (LUCENT TECHNOLOGIES INC), 10 July 2002 (10.07.2002), figures 2,4, claims 1,9, abstract  --	1-4
A	EP 1111851 A2 (ALCATEL USA SOURCING), 27 June 2001 (27.06.2001), abstract  -- -----	1-4

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Information\* on patent family members

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PCT/FI 2004/000611

WO	02063837	A1	15/08/2002	AU	3629201 A	03/09/2001
				EP	1265718 A	18/12/2002
				EP	1358740 A	05/11/2003
				JP	2003523285 T	05/08/2003
				SE	518720 C	12/11/2002
				SE	0100392 A	08/08/2002
				US	20040105393 A	03/06/2004

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US	20030165116	A1	04/09/2003	NONE
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US	6532213	B1	11/03/2003	US	20010037675 A	08/11/2001
				US	20020005812 A	17/01/2002

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CA	2366781	A1	10/07/2002	JP	2002232469 A	16/08/2002
				US	20030169743 A	11/09/2003

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EP	1111851	A2	27/06/2001	US	6430152 B	06/08/2002
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